

10/21/03

MODIFIED PTO/SB/08 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: October 21, 2003 (use as many sheets as necessary)				Application Number	To be determined
				Filing Date	To be determined
				First Named Inventor	William K. Dail
				Group Art Unit	To be determined
				Examiner Name	To be determined
Sheet	1	of	1	Attorney Docket Number	060507-1054

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
CJ	A1	6,499,535	B2	Cowans	12/31/2002	
	A2	6,467,294	B1	Walker et al.	10/22/2002	
	A3	6,381,972	B1	Cotter	5/7/2002	
	A4	6,073,452		Karp et al.	6/13/2000	
	A5	5,931,018		Hall et al.	8/3/1999	
	A6	5,924,297		Wolff et al.	7/20/1999	
	A7	5,921,096		Warren	7/13/1999	
	A8	5,816,051		Hall et al.	10/6/1998	
	A9	5,743,098		Behr	4/28/1998	
	A10	5,735,131		Lambright, Jr. et al.	4/7/1998	
	A11	5,365,749		Porter	11/22/1994	
	A12	5,148,861		Colvin et al.	9/22/1992	
	A13	4,151,723		Gardner	5/1/1979	
	A14	2,931,408		Dwyer et al.	4/5/1960	
	A15	2,663,159		Ullstrand	12/22/1953	
	A16	2,495,327		Hardin	1/24/1950	
	A17	2,444,593		Davis	7/6/1948	
	A18	2,156,795		Smith	5/2/1939	

FOREIGN PATENT DOCUMENTS							
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		Office ³	Number ⁴	Kind Code ⁵ (if known)			

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶

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Examiner Signature	CJ	Date Considered	9/14/05
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Date Submitted: February 23, 2004

(use as many sheets as necessary)

Sheet

1

of

2

Application Number	10/689,785
Filing Date	10/21/2003
First Named Inventor	William K. Dail
Group Art Unit	
Examiner Name	
Attorney Docket Number	060507-1054

U.S. PATENT DOCUMENTS

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		Number	Kind Code ² (if known)			
CJ	A1	6,672,086	B2	Zangari et al.	01-02-2004	
	A2	2003/0230095	A1	Kahler	12-18-2003	
	A3	6,619,052	B1	Nash, Jr.	09-16-2003	
	A4	6,547,346	B2	Topper et al.	04-15-2003	
	A5	6,539,741	B2	Navarro	04-01-2003	
	A6	2002/0184904	A1	Wellman	12-12-2002	
	A7	6,460,372	B1	Fung et al.	10-08-2002	
	A8	6,438,983	B1	Zellner et al.	08-27-2002	
	A9	6,427,468	B1	Topper et al.	08-06-2002	
	A10	6,412,296	B1	Rossi	07-02-2002	
	A11	6,401,477	B1	Dubé	06-11-2002	
	A12	6,401,399	B1	Roche et al.	06-11-2002	
	A13	2002/0066549	A1	Schulz et al.	06-06-2002	
	A14	6,360,548	B1	Navarro	03-26-2002	
	A15	6,351,964	B1	Brancheau et al.	03-05-2002	
	A16	6,311,512	B1	Fung et al.	11-06-2001	
	A17	RE 37,054	E	Sherwood	02-20-2001	
	A18	6,185,951	B1	Lane et al.	02-13-2001	
	A19	6,182,459	B1	Hertel	02-06-2001	
	A20	6,128,911		Mathews et al.	10-10-2000	
	A21	5,970,734		Stillwell et al.	10-26-1999	
	A22	5,964,512		Borgen	10-12-1999	
	A23	5,675,983		Ibrahim	10-14-1997	
	A24	5,626,028		Graat et al.	05-06-1997	
	A25	5,606,863		Kicklighter et al.	03-04-1997	
	A26	5,502,979		Renard	04-02-1996	
	A27	5,381,670		Tippmann et al.	01-17-1995	
	A28	5,357,767		Roberts	10-25-1994	
	A29	5,347,827		Rudick et al.	09-20-1994	
	A30	5,277,486		Bustos	01-11-1994	
	A31	4,984,435		Seino et al.	01-15-1991	
	A32	4,712,387		James et al.	12-15-1987	
	A33	4,489,995		Barr	12-25-1984	
	A34	4,369,631		Abraham	01-25-1983	
	A35	4,306,616		Woods, Jr. et al.	12-22-1981	
	A36	4,135,369		Allgeyer et al.	01-23-1979	
	A37	3,898,864		Steelman	08-12-1975	
	A38	3,850,486		Saxe	11-26-1974	
	A39	3,254,502		Ellis	06-07-1966	
	A40	3,230,732		Rutishauser et al.	01-25-1966	
	A41	2,973,631		Adkins	03-07-1961	
	A42	2,962,874		Fitzgerald	12-06-1960	

 Examiner
Signature

CJ

 Date
Considered

3/14/04

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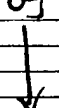
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				Application Number	10/689,785
				Filing Date	10/21/2003
				First Named Inventor	William K. Dail
				Group Art Unit	
				Examiner Name	
Sheet	2	of	2	Attorney Docket Number	060507-1054

U.S. PATENT DOCUMENTS						
		U.S. Patent Document				
CJ	A43	2,513,675			Quillen	07-04-1950
	A44	2,425,473			Hoffman	08-12-1947
	A45	2,382,599			Blair	08-14-1945
	A46	2,225,655			Ottenheimer	12-24-1940
	A47	2,209,690			Fraser	07-30-1940
	A48	2,181,637			Ardito	11-28-1939
	A49	2,136,232			Bromann, Jr.	11-08-1938
	A50	1,896,693			Battista	02-07-1933
	A51	1,721,145			Bromann	07-16-1929
	A52	1,594,653			Anstey	08-03-1926

FOREIGN PATENT DOCUMENTS								
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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	A53	JP	2000-274935 /	A-	Tokutaro et al.	10-06-2000		
	A54	EP	0 916 291 /	B1	Hertel	05-19-1999		
	A55	EP	0 701 097 /	B1	Schell	03-13-1996		
	A56	GB	2 185 561 /	A	Fondel	07-22-1987		
	A57	DT	25 05 390 \	A1	Weden	08-19-1976		

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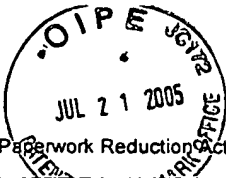
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		Application Number	10/689,785
Sheet		Filing Date	10/21/2003
1		First Named Inventor	William K. Dail
of		Group Art Unit	3744
1		Examiner Name	Not yet assigned
		Attorney Docket Number	060507-1054

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	A1	2005/0126196	A1	Grassmuck et al.	06-16-2005	

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